

166426

Subject: Sauget Area 1 Stormwater Treatment System Modifications

Date: Fri, 30 Nov 2001 13:25:00 -0500

From: "Light, D Michael" <dmligh@solutia.com>

To: jfiore@maverick-cm.com

CC: <jfiore@maverick-cm.com>

Kevin,

I am requesting a modification to the Sauget Area I Sediments Removal stormwater treatment system. These modifications are needed to allow us to operate through the winter.

We have gathered and will submit for your review sufficient documentation of influent and effluent water to support elimination of parts of the treatment system. We request the following. In place of the current system we will mobilize a sand cell and bag filter unit (10 micron) to remove solids before being discharged directly to Dead Creek. The system would be constructed on the northern berm of the cell. We would enclose and heat the new system to protect from freezing. This would then allow cleaning and demobing the existing holding tanks and treatment system - which are not practically adaptable to winter operations and have been shown to be unnecessary.

John Fiore will prepare a package with details of the new system and all sample results to date to support this approach.

Mike Light